

Application of: Takeshi Yamada, et al.
Serial No.: Not yet known
Preliminary Amendment

Please replace the Abstract with the currently amended Abstract as follows:

A top ring is ~~designed to have a~~ has gas seal ~~function~~ and an oil control functions ~~function in~~ order to realize realizing approximately the same amount of oil consumption and blow-by gas as those realized by three rings, ~~by using the top ring only~~. A piston assembly includes a piston body and ~~a piston ring having a U-shaped cross section~~. ~~The piston body has~~ having a top land portion and a ring groove ~~formed on its periphery~~. ~~The , and a piston ring~~ having a U-shaped cross section including ~~includes an~~ upper leg portion, ~~a~~ and lower leg portions~~[[,]]~~ and a base portion connecting the ~~upper and lower leg portions~~, and ~~[[is]]~~ attached to the top land portion ~~of the piston body~~. ~~An a~~ Axial length from ~~[[a]]~~ boundary of the base portion of the piston ring and the upper leg portion to a lower surface of the lower leg portion is ~~set to be~~ larger than ~~an axial length that~~ from an upper surface of the top land portion ~~of the piston body~~ to ~~[[a]]~~ lower surface of the ring groove ~~to which fitting the lower leg portion is fitted~~. Alternatively, axial grooves are ~~provided on a thrust side of the top land portion~~. Alternatively, ~~or~~ a V-shaped annular groove is ~~provided in a second land portion of the piston body~~. ~~The piston ring may include an upper periphery having a BF (barrel face) shape and a lower periphery formed as a straight or tapered contact face~~.